

ORDINARY MEETING.

FRIDAY, 10TH MAY, 1907.

E. R. SYKES, B.A., Vice-President, in the Chair.

The following communications were read:—

1. "The Pairing of *Limnæa pereger* with *Planorbis corneus*." By W. D. Lang, F.G.S.
2. "Notes on *Achatina Dennisoni*, Reeve, and *A. magnifica*, Pfr." By E. A. Smith, I.S.O.
3. "Note on an 'Octopus' with branching arms." By E. A. Smith, I.S.O.
4. "Review of the New Zealand Acmæidæ, with descriptions of new species and subspecies." By Henry Suter.

The following specimens were exhibited:—

By J. E. Cooper: Holocene Mollusca from Staines.

By E. A. Smith, I.S.O.: (1) A very large specimen (74 mm. in diameter) of *Pleurodonta (Isomeria) orcas*, Koch. (2) A *Cerithium nodulosum* and a *Murex inflatus* deeply incrustated by Nullipores.By H. B. Preston: Specimens of *Solaropsis Gibboni*, Pfr., and *Solaropsis Amori*, Hidalgo.

ORDINARY MEETING.

FRIDAY, 14TH JUNE, 1907.

B. B. WOODWARD, F.L.S., President, in the Chair.

The following communications were read:—

1. "The name *Boureieria*." By E. R. Sykes, B.A.
2. "Descriptions of new species of Australian *Planispira* and *Chloritis*." By H. C. Fulton.
3. "The presence of a double wall in some species of the *Diaphora* group of *Ennea*." By H. C. Fulton.
4. "Nudibranchs from New Zealand and the Falkland Islands." By Sir Charles Eliot, K.C.M.G.

The following specimens were exhibited:—

By C. J. Gabriel: A collection of rare marine Mollusca from Victoria, including the following:—

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| 1. <i>Mitra Vincentiana</i> , Verco. | 10. <i>C. incertum</i> , Rve. |
| 2. <i>M. franciscana</i> , T.-Wds. | 11. <i>Cypræa angustata</i> , Gmel., |
| 3. <i>M. Tasmanica</i> , T.-Wds. | and varieties— |
| 4. <i>Conus Segraveri</i> , Gatliff. | <i>piperita</i> , Gray. |
| 5. <i>Typhis Yatesi</i> , Crosse. | <i>Comptoni</i> , Gray. |
| 6. <i>Cancellaria Maceoyi</i> , Pritch. & Gat. | <i>bicolor</i> , Gask. |
| 7. <i>Scala aculeata</i> , Lam. | <i>declivis</i> , Sow. |
| 8. <i>Marginella levigata</i> , Braz. | <i>albata</i> , Beddome. |
| 9. <i>Calliostoma Hedleyi</i> , Pritch. & Gat. | 12. <i>Clavagella multangularis</i> , Tate. |

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| 13. <i>Chlamys undulatus</i> , Sow. | 19. <i>Daphnella excavata</i> , Gatliff. |
| 14. <i>Cyclopecten Nepeanensis</i> , Pritch. & Gat. | 20. <i>Ancilla Potterdi</i> , Tate. |
| 15. <i>Modiola arborescens</i> , Chem. | 21. <i>Acanthochites glyptus</i> , Sykes. |
| 16. <i>M. Victoriae</i> , Pritch. & Gat. | 22. <i>Mitra Rossettæ</i> , Angus. |
| 17. <i>Scala Nepeanensis</i> , Gatliff. | 23. <i>Conus anemone</i> , Lam. (white variety). |
| 18. <i>S. translucida</i> , Gatliff. | 24. <i>Zenatia Victoriae</i> , Pritch. & Gat. |

Nos. 1-16 dredged in Western Port Bay; 17-21, Port Phillip Bay; 22-24, Ocean Beach.

Mr. Gabriel also exhibited *Cypræa xanthodon*, Gray, from Queensland, and *Cypræa decipiens*, E. A. Smith, from W. Australia.

By H. C. Fulton: A specimen of *Orthalicus* from Mexico, with a large pearl attached to the inner surface of the last whorl.

By E. A. Smith, I.S.O.: A collection of pearls and photographs of pearls obtained by Mr. Gordon Smith in Japan and China. These included true pearls from *Ivaliotis*, *Pecten*, *Pinna*, and *Mytilus*.

By Miss Foster: A deformed specimen of *Cypræa arabica*, with pronounced spire and distorted and thickened lip.

NOTES.

ON THE PAIRING OF *LIMNÆA PEREGER* WITH *PLANORBIS CORNEUS*. (Read 10th May, 1907.)—On April 14th, at about midday, a specimen of *Planorbis corneus* (Linnæus) was taken from a pond at Harrow, and on it was found a *Limnæa pereger* (Müller) in the act of pairing, the *Limnæa* acting male. The specimens were wrapped in weed, taken home, and placed together in a vessel of water. During the afternoon the *Limnæa* crawled about the shell of the *Planorbis*, and at about 4 o'clock they were again found to be pairing. The next day they were crawling about the vessel indifferent to each other, nor were they subsequently seen to pair. At the beginning of May the *Planorbis* laid a batch of eggs.

For records of pairing between different genera of snails see a note by E. Caziot, Proc. Malac. Soc., 1902, vol. v, No. 1, p. 11.

W. D. LANG.

NOTE ON AN 'OCTOPUS' WITH BRANCHING ARMS.—A specimen of an 'Octopus' has recently been brought from Japan by Mr. R. Gordon Smith, which is very remarkable on account of all the arms, with the exception of one of the dorsal pair, exhibiting one or more furcations. Records of similar abnormalities are extremely rare. It appears to be an abnormal specimen of *Polypus Cephea* (Gray). A descriptive account and figure of it will appear in another publication.

E. A. SMITH.

HOLOCENE MOLLUSCA FROM STAINES. (Read 10th May, 1907.)—Last year Messrs. Kennard & Woodward published a list of Holocene Mollusca from a deposit a mile or so west of Staines (Proc. Geologists' Assoc., vol. xix); those now shown were collected last Autumn close to